Abstract

Correction of frequency errors in subscriber stations

In the method according to the invention for synchronizing the frequencies of subscriber stations of a radio communication system, the subscriber station is connected to a base station via a radio interface. The subscriber station receives at least two separate measuring sequences of the base station and evaluates them, the time interval between the two measuring sequences being known to the subscriber station. A phase difference between the two measuring sequences is determined and a frequency deviation is determined from the phase difference. Thus, a frequency standard can be corrected on the basis of the frequency deviation.

Figure 4